Subject Index

0100 Costs

0101 Budgeting

On Spending Money; Kabak, Irwin W., and J. S. Simonoff; March; p. 79.

0103 Cost estimating

A Statistical Methodology for the Analysis of the Life-Cycle of Reusable Containers; Goh, T.N., and N. Varaprasad; March; p. 42.

0104 Cost reduction programs

A Statistical Methodology for the Analysis of the Life-Cycle of Reusable Containers; Goh, T. N., and N. Varaprasad; March; p. 42.

Cost-Minimization Model for Reducing Sulphur Dioxide Emission from Coal-Fired Generating Stations; Bookbinder, James H., and N. Sekhar; March; p. 34.

0105 Productivity

Manufacturing Systems Delphi Study; Iveerson, Scott C., and J. E. Jorgensen; June; p. 158.

0200 Employee relations

0205 Job evaluation

Biomechanical and Ergonomic Stresses in Warehouse Operations; Garg, Arun; September; p. 246.

A Physiological Evaluation of Time Standards for Warehouse Operations as Set by Traditional Work Measurement Techniques; Garg, A., G. Hagglund, and K. Mericle; September; p. 235.

0300 Engineering economics

A Stochastic Replacement Economic Decision Model; Lohmann, Jack R.; June; p. 182.

0400 Facilities planning, design

0404 Plant design, construction

Dynamic Manning of Long Cycle Assembly Lines with Learning Effect; Chakravarty, Amiya, and A. Shtub; December; p. 392.

0405 Plant layout analysis

Application of the Similarity Coefficient Method (SCM) In Group Technology; Seifoddini, Hamid, and P.M. Wolfe; September; p. 271.

0500 Functional operations

0600 Human engineering

0602 Biomechanics

The Measurement of Knowledge Worker Fatigue; Okogbaa, O. G., and R. Shell; December; p. 335.

Biomechanical and Ergonomic Stresses in Warehouse Operations; Garg, Arun; September; p. 246.

A Physiological Evaluation of Time Standards for Warehouse Operations as Set by Traditional Work Measurement Techniques; Garg, A., G. Hagglund, and K. Mericle; September; p. 235.

0603 Ergomonics

Biomechanical and Ergonomic Stresses in Warehouse Operations; Garg, Arun; September; p. 246.

0604 Learning

Dynamic Manning of Long Cycle Assembly Lines with Learning Effect; Chakravarty, Amiya, and A. Shtub; December; p. 392.

0608 Safety and health

The Measurement of Knowledge Worker Fatigue; Okogbaa, O. G., and R. Shell; December; p. 335.

0700 Incentive plans

0800 Industrial engineering

0806 IE Management

An Industrial Competitiveness Model; Oral, Muhittin; June; p. 148.

0900 Industries

An Industrial Competitiveness Model; Oral, Muhittin; June; p. 148.

0904 Manufacturing

Manufacturing Systems Delphi Study; Iverson, Scott C., and J. E. Jorgensen; June; p. 158.

0906 Others

An MCDM Model to Solve the Glass Industry Energy Problem; Malakooti, Behnam; December; p. 374.

1000 Management

1003 Decision making

The Inverse Inventory Problem; Greenburg, Irwin; December; p. 398.

A Framework for Integrated Problem Solving in Manufacturing; De, Suranjan, and A. Whinston; September; p. 286.

An Industrial Competitiveness Model; Oral, Muhittin; June; p. 148.

Approaches for Discrete Alternative Multiple Criteria Problems for Different Types of Criteria; Koksalan, M., M. H. Karwan, and S. Zionts; September; p. 262.

1100 Material handling

1102 Conveyors

Comparative Analyses of Fixed and Removable Item Mixed Model Assembly Lines; Wang, Fangzhi, and R. C. Wilson; September; p. 313.

Retrieval Strategies for a Carousel Conveyor; Bartholdi, John J., and L. K. Platzman; June; p. 166.

1105 Dispatching, scheduling

An Analysis of Automated Storage and Retrieval Systems in Manufacturing Assembly Lines; Chow, We-Min; June; p. 204.

Retrieval Strategies for a Carousel Conveyor; Bartholdi, John J., and L. K. Platzman; June; p. 166.

Evaluating a Modified Heuristic for the Multiple-Vehicle Scheduling Problem; Benton, W. C.; March; p. 70.

1106 Industrial trucks

Design For Line Flexibility; Chow, We-Min; March; p. 95.

1112 Evaluation and selection

An Evaluation Model for Quantifying System Value; Piennar, Abre, P. S. Kruger, and K. Adendorff; March; p. 10.

A Comparative Study of Continuous and Periodic Inspection Policies in Deteriorating Production Systems; Rosenblatt, Meir J., and H. L. Lee; March; p. 2.

1113 Testing Procedures

Simulated Versus Real Life Data in Testing the Efficiency of Scheduling Algorithms; Amar, A.D., and J. N. D. Gupta; March; p. 16.

1200 Methods engineering

1201 Automation, mechanization

Analysis of Multi-Robot Systems; Maimon, Oded, and S. Nof; September; p. 226.

1202 Computer control

Analysis of Multi-Robot Systems; Maimon, Oded, and S. Nof; September; p. 226.

1203 Energy conservation

An MCDM Model to Solve the Glass Industry Energy Problem; Malakooti, Behnam; December; p. 374.

1205 Manufacturing engineering

Design for Line Flexibility; Chow, We-Min; March; p. 95.

Analysis of Multi-Robot Systems; Maimon, Oded Nof, Shimon; September; p. 226.

Application of the Similarity Coefficient Method (SCM) in Group Technology; Seifoddini, Hamid, and P. M. Wolfe; September; p. 271.

1211 Value analysis, engineering

An Evaluation Model for Quantifying System Value; Pienaar, Abre, P. S. Kruger, and K. Adendorff; March; p. 10.

1300 Quantitative methods

1301 Mathematical models

A Statistical Methodology for the Analysis of the Life-Cycle of Reusable Containers; Goh, T. N., and N. Varaprasad; March; p. 42.

A New Approach to Aggregate Production Planning; Akinc, Umit, and G. M. Roodman; March; p. 88.

An Evaluation Model for Quantifying System Value; Pienaar, Abre, P. S. Kruger, and K. Adendorff; March; p. 10.

A Heuristic for Multiple Lot Sizing for an Order Under Variable Yield; Sepehri, Mehran, E. Silver, and C. New; March; p. 63.

Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part I: Static Case); Maes, Johan, and L. Van Wassenhove; June; p. 114.

0470-817X/85/0600-0182/$2.00/0 © 1986 "IIE"

Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part II: Rolling Horizon): Maes, Johan, and L. Van Wassenhove; June; p. 124.
Hybrid Dynamic Programming/Branch-And-Bound Strategies for Electric Power Generation Planning; Evans, Gerald W., and T. L. Morin; June; p. 138.
Cost-Minimization Model For Reducing Sulphur Dioxide Emission from Coal-Fired Generating Stations; Bookbinder, James H. and N. Sekhar; March; p. 34.
Multistage Multiattribute Acceptance Sampling in Serial Production Systems; Moskowitz, H., and R. Plante, and K. Tang; June; p. 130.
Control Charts Using Coupled Exponentially Weighted Moving Averages; Sweet, Arnold L.; March; p. 26.
A Comparative Study of Continuous and Periodic Inspection Policies in Deteriorating Production Systems; Rosenblatt, Meir J., and H. L. Lee; March; p. 2.
Comments on a DP Model for the Optimal Inspection Strategy; Elmaghraby, Salah E.; March; p. 104.
Efficient Algorithms for the Multiconstraint General Knapsack Problem; Pirkul, Hasan, and S. Narasimhan; June; p. 195.
A Mixed Integer Programming Model for Lot Sizing and Sequencing Packaging Lines; Smith-Daniels, Vicki, and D. Smith-Daniels; September; p. 278.
Optimal Scheduling of Multiple Feedstock Batch Biogas Production Systems; Curry, Guy L., and B. L. Deuermeyer; December; p. 367.
Evaluating a Modified Heuristic for the Multiple-Vehicle Scheduling Problem; Benton, W. C.; March; p. 70.

1302 Networks
Open Networks of Queues with Blocking: Split and Merge Configurations; Altiok, Tayfur, and H. G. Perros; September; p. 251.

1303 Programming: linear, nonlinear
An MCDM Model to Solve the Glass Industry Energy Problem; Malakooti, Behnam; December; p. 374.

1305 Simulation/games
A Stochastic Replacement Economy Decision Model; Lohmann, Jack R.; June; p. 182.
Comparative Analyses of Fixed and Removable Item Mixed Model Assembly Lines; Wilson, R. C., and F. Wang; September; p. 313.

1306 Applied probability
A Stochastic Replacement Economic Decision Model; Lohmann, Jack R.; June; p. 182.

1307 Experimental design
A Search Performance Test for Visual Lobe Size; Courtney, Alan J.; March; p. 56.

1400 Production and inventory control

1402 Forecasting
Control Charts Using Coupled Exponentially Weighted Moving Averages; Sweet, Arnold L.: March; p. 26.

1403 Inventory control
The Inverse Inventory Problem; Greenburg, Irwin; December; p. 398.
A Study of Lot Sizing Algorithms; Karni, Reuven; December; p. 356.
Analysis of Excess Stock in Multiproduct Inventory Systems; Miller, David M., J. M. Mellichamp, and T. A. Henry; December; p. 350.
The Economic Order Quantity for Freight Discount Costs; Lee, Chung-Yee; September; p. 318.

1404 Materials management
A Study of Lot Sizing Algorithms; Karni, Reuven; December; p. 356.
An Approach for Modeling Small-lot Assembly Networks; Saboo, S., and W. E. Wilhelm; December; p. 322.

1406 Production planning
A Directly-Coupled Two-Stage Unpaced Line; Lau, Hon-Shiang; September; p. 304.
A New Approach to Aggregate Production Planning; Akinc, Umit, and G. M. Roodman; March; p. 88.
A Heuristic for Multiple Lot Sizing of an Order Under Variable Yield; Sepehri, Mehran, E. Silver, C. New; March; p. 63.
Multistage Multiattribute Acceptance Sampling in Serial Production Systems; Moskowitz, H., R. Plante, and K. Tang; June; p. 130.

1407 Production scheduling
Note On: The Capacitated Multi-Item Dynamic Lot-Sizing Problem; Billington, Peter J.; June; p. 217.
Simulated Versus Real Life Data in Testing the Efficiency of Scheduling Algorithms; Amar, A.D., and J. N. D. Gupta; March; p. 16.
A Study of Lot Sizing Algorithms; Karni, Reuven; December; p. 356.
Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part I: Static Case); Maes, Johan, and L. Van Wassenhove; June; p. 114.
Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part II: Rolling Horizon); Maes, Johan, and L. Van Wassenhove; June; p. 124.
Economic Production Cycles with Imperfect Production Processes; Rosenblatt, Meir J., and H. L. Lee; March; p. 48.
Scheduling Problems with Generalized Due Dates; Hall, Nicholas G.; June; p. 220.
A Mixed Integer Programming Model for Lot Sizing And Sequencing Packaging Lines; Smith-Daniels, Vicki, and D. Smith-Daniels; September; p. 278.
Optimal Scheduling of Multiple Feedstock Batch Biogas Production Systems; Curry, Guy L., and B. L. Deuermeyer; December; p. 367.
A System for Manufacturing Scheduling with Interactive Computer Graphics; Jones, Christopher V., and W. L. Maxwell; September; p. 298.
Efficient implementation of Johnson's Scheduling Algorithm; Kusiak, Andrew; June; p. 215.

1500 Quality control

1501 Inspection
A Comparative Study of Continuous and Periodic Inspection Policies in Deteriorating Production Systems; Rosenblatt, Meir J., and H. L. Lee; March; p. 2.
The Two-Inspector Problem; Drury, C. G., M. H. Karwan, and D. R. Vanderwarker; June; p. 174.
A Search Performance Test for Visual Lobe Size; Courtney, Alan J.; March; p. 56.
Comments on a DP model for the Optimal Inspection Strategy; Elmaghraby, Salah E.; March; p. 104.

1502 Quality contrtol
The Two-Inspector Problem; Drury, C. G., and M. H. Karwan, and D. R. Vanderwarker; June; p. 174.

1503 Reliability
Hybrid Dynamic Programming/Branch-And-Bound Strategies for Electric Power Generation Planning; Evans, Gerald W., and T. L. Morin; June; p. 138.

1504 Sampling
Multistage Multiattribute Acceptance Sampling in Serial Production Systems; Moskowitz, H., and R. Plante, and K. Tang; June; p. 130.

1600 Work measurement
A Physiological Evaluation of Time Standards for Warehouse Operations as Set by Traditional Work Measurement Techniques; Garg, A., G. Hagglund, and K. Mericle; September; p. 235.

1605 Predetermined time systems
Activity Sampling in a Stochastic Environment; Roll, Yaakov, and M. Yadin; December; p. 343.

1609 Time measurement
An Investigation into the Minimum Cycle Time Restrictions of MTM-2 and MTM-3; Knott, Kenneth, and R. J. Sury; December; p. 380.

1610 Work sampling
Activity Sampling in a Stochastic Environment; Roll, Yaakov, and M. Yadin; December; p. 343.

1700 Data processing systems design

Author Index

Adendorff, K., A. Pienaar, and P. S. Kruger; *An Evaluation Model for Quantifying System Value;* March; p. 10.

Akinc, U. and G. M. Roodman; *A New Approach to Aggregate Production Planning;* March; p. 88.

Altiok, Tayfur, and H. G. Perros; *Open Networks of Queues with Blocking; Split and Merge Configurations;* September; p. 251.

Amar, A.D., and J. N. D. Gupta; *Simulated Versus Real Life Data in Testing the Efficiency of Scheduling Algorithms;* March; p. 16.

Bartholdi, John J., and L. K. Platzman; *Retrieval Strategies for a Carousel Conveyor;* June; p. 166.

Benton, W. C.; *Evaluating a Modified Heuristic for the Multiple-Vehicle Scheduling Problems;* March; p. 70.

Billington, Peter J.; *Note On: The Capacitated Multi-Item Dynamic Lot-Sizing Problem;* June; p. 217.

Bookbinder, James H., and N. Sekhar; *Cost-Minimization Model for Reducing Sulphur Dioxide Emission from Coal-Fired Generating Stations;* March; p. 34.

Chakravarty A., and A. Shtub; *Dynamic Manning of Long Cycle Assembly Lines with Learning Effect;* December; p. 392.

Chow, We-Min; *An Analysis of Automated Storage and Retrieval Systems in Manufacturing Assembly Lines;* June; p. 204.

Chow, We-Min; *Design for Line Flexibility;* March; p. 95.

Courtney, Alan J.; *A Search Performance Test for Visual Lobe Szie;* March; p. 56.

Curry, Guy L., and B. L. Deuermeyer; *Optimal Scheduling of Multiple Feedstock Batch Biogas Production Systems;* December; p. 367.

De, S., and A. Whinston; *A Framework for Integrated Problem Solving in Manufacturing;* September; p. 286.

Deuermeyer, B. L. and G. L. Curry; *Optimal Scheduling of Multiple Feedstock Batch Biogas Production Systems;* December; p. 367.

Drury, C. G., M. H. Karwan, and D. R. Vanderwarker; *The Two-Inspector Problem;* June; p. 174.

Elmaghraby, Salah E.; *Comments on a DP Model for the Optimal Inspection Strategy;* March; p. 104.

Evans, Gerald W., and T. L. Morin; *Hybrid Dynamic Programming/ Branch-And-Bound Strategies for Electric Power Generation Planning;* June; p. 138.

Garg, A., G. Hagglund, and K. Mericle; *A Physiological Evaluation of Time Standards for Warehouse Operations as Set by Traditional Work Measurement Techniques;* September; p. 235.

Garg, Arun; *Biomechanical and Ergonomic Stresses in Warehouse Operations;* September; p. 246.

Goh, T. N., and N. Varaprasad; *A Statistical Methodology for the Analysis of the Life-Cycle of Reusable Containers;* March; p. 42.

Greenburg, Irwin; *The Inverse Inventory Problem;* December; p. 398.

Gupta J. N. D., and A. D. Amar; *Simulated Versus Real Life Data in Testing the Efficiency of Scheduling Algorithms;* March; p. 16.

Hagglund, G., A. Garg, and K. Mericle,; *A Physiological Evaluation of Time Standards for Warehouse Operations as Set by Traditional Work Measurement Techniques;* September; p. 235.

Hall, Nicholas G.; *Scheduling Problems with Generalized Due Dates;* June p. 220.

Henry, T. A., D. M. Miller, and J. M. Mellichamp; *Analysis of Excess Stock in Multiproduct Inventory Systems;* December; p. 350.

Iverson, Scott C., and J. E. Jorgensen; *Manufacturing Systems Delphi Study;* June; p. 158.

Jones, Christopher V., and W. L. Maxwell; *A System for Manufacturing Scheduling with Interactive Computer Graphics;* September; p. 298.

Jorgensen, J. E., and S. C. Iverson; *Manufacturing Systems Delphi Study;* June; p. 158.

Kabak, Irwin W., and J. S. Simonoff; *On Spending Money;* March; p. 79.

Karni, Reuven; *A Study of Lot Sizing Algorithms;* December; p. 356.

Karwan, M. H., S. Zionts, and M. Koksalan; *Approaches for Discrete Alternative Multiple Criteria Problems for Different Types of Criteria;* September; p. 262.

Karwan, M. H., Drury, C. G., and D. R. Vanderwarker; *The Two-Inspector Problem;* June; p. 174.

Knott, Kenneth, and R. J. Sury; *An Investigation into the Minimum Cycle Time Restrictions of MTM-2 and MTM-3;* December; p. 380.

Koksalan M., M. H. Karwan, and S. Zionts; *Approaches for Discrete Alternative Multiple Criteria Problems for Different Types of Criteria;* September; p. 262.

Kruger, P. S., K. Adendorff, and A. Pienaar; *An Evaluation Model for Quantifying System Value;* March; p. 10.

Kusiak, Andrew; *Efficient Implementation of Johnson's Scheduling Algorithm;* June; p. 215.

Lau, Hon-Shiang; *A Directly-Coupled Two-Stage Unpaced LIne;* September; p. 304.

Lee, Chung-Yee; *The Economic Order Quantity for Freight Discount Costs;* September; p. 318.

Lee, H. L., and M. J. Rosenblatt; *A Comparative Study of Continuous and Periodic Inspection Policies in Deteriorating Production Systems;* March; p. 2.

Lee, H. L., and M. J. Rosenblatt; *Economic Production Cycles With Imperfect Production Processes;* March; p. 48.

Lohmann, Jack R.; *A Stochastic Relacement Economic Decision Model;* June; p. 182.

Maes, J., and L. Van Wassenhove; *Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part I: Static Case);* June; p. 114.

Maes, J., and L. Van Wassenhove; *Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part I: Static Case);* June; p. 114.

Maes, J., and L. Van Wassenhove; *Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics; A Computational Comparison (Part II: Rolling Horizon);* June; p. 124.

Maimon, O., and S. Nof; *Analysis of Multi-Robot Systems;* September; p. 226.

Malakooti, Behnam; *An MCDM Model to Solve the Glass Industry Energy Problem;* December; p. 374.

Maxwell, W. L. and C. V. Jones; *A System for Manufacturing Scheduling with Interactive Computer Graphics;* September; p. 298.

Mellichamp, J. M., T. A. Henry, and D. M. Miller; *Analysis of Excess Stock in Multiproduct Inventory Systems;* December; p. 350.

Mericle K., A. Garg, and G. Hagglund; *A Physiological Evaluation of Time Standards for Warehouse Operations as Set by Traditional Work Measurement Techniques;* September; p. 235.

Miller, David M., J. M. Mellichamp, and T. A. Henry; *Analysis of Excess Stock in Multiproduct Inventory Systems;* December; p. 350.

Morin, T. L. and G. W. Evans; *Hybrid Dynamic Programming/ Branch-And-Bound Strategies for Electric Power Generation Planning;* June; p. 138.

Moskowitz H., R. Plante, and K. Tang; *Multistage Multiattribute Acceptance Sampling in Serial Production Systems;* June; p. 130.

Narasimhan, S. and H. Pirkul; *Efficient Algorithms for the Multiconstraint General Knapsack Problem;* June; p. 195.

New, C., M. Sepehri, and E. Silver; *A Heuristic for Multiple Lot Sizing for an Order Under Variable Yield;* March; p. 63.

Nof, Shimon, and O. Maimon; *Analysis of Multi-Robot Systems;* September; p. 226.

Okogbaa, O. G., and R. Shell; *The Measurement of Knowledge Worker Fatigue;* December; p. 335.

Oral, Muhittin; *An Industrial Competitiveness Model;* June; p. 148.

Perros, H. G. and T. Altiok; *Open Networks of Queues with Blocking; Split and Merge Configurations;* September; p. 251.
Pienaar, Abre, P. S. Kruger, and K. Adendorff; *An Evaluation Model for Quantifying System Value;* March; p. 10.
Pirkul, Hasan, and S. Narasimhan; *Efficient Algorithms for the Multiconstraint General Knapsack Problem;* June; p. 195.
Plante, R., K. Tang, and H. Moskowitz; *Multistage Multiattribute Acceptance Sampling in Serial Production Systems;* June; p. 130.
Platzman L. K. and J. J. Bartholdi; *Retrieval Strategies for a Carousel Conveyor;* June, p. 166.

Roll, Yaakov, and M. Yadin; *Activity Sampling in a Stochastic Environment;* December; p. 343.
Roodman, G. M. and U. Akinc; *A New Approach to Aggregate Production Planning;* March; p. 88.
Rosenblatt, Meir J., and H. L. Lee; *A Comparative Study of Continuous and Periodic Inspection Policies in Deteriorating Production Systems;* March; p. 2.
Rosenblatt, Meir J., and H. L. Lee; *Economic Production Cycles With Imperfect Production Processes;* March; p. 48.

Saboo, S., and W. E. Wilhelm; *An Approach for Modeling Small-lot Assembly Networks December;* p. 322.
Seifoddini, Hamid, and P. M. Wolfe; *Application of the Similarity Coefficient Method (SCM) in Group Technology;* September; p. 271.
Sekhar N., and J. H. Bookbinder; *Cost-Minimization Model for Reducing Sulphur Dioxide Emission from Coal-Fired Generating Stations;* March; p. 34.
Sepehri, Mehran, E. Silver, and C. New; *A Heuristic for Multiple Lot Sizing for an Order Under Variable Yield;* March; p. 63.
Shell, R., and O. G. Okogbaa; *The Measurement of Knowledge Worker Fatigue;* December; p. 335.
Shtub, A. and A. Chakravarty; *Dynamic Manning of Long Cycle Assembly Lines with Learning Effect;* December; p. 392.
Silver, E., C. New, and M. Sepehri; *A Heuristic for Multiple Lot Sizing for an Order Under Variable Yield;* March; p. 63.
Simonoff, J. S., and I. W. Kabak; *On Spending Money;* March; p. 79.
Smith-Daniels, D., and V. Smith-Daniels; *A Mixed Integer Programming Model for Lot Sizing and Sequencing Packaging Lines in the Process Industries;* September; p. 278.
Sury, R. J., and K. Knott; *An Investigation into the Minimum Cycle Time Restrictions of MTM-2 and MTM-3;* December; p. 380.
Sweet, Arnold L.; *Control Charts Using Coupled Exponentially Weighted Moving Averages;* March; p. 26.

Tang, K., H. Moskowitz, and R. Plante; *Multistage Multiattribute Acceptance Sampling in Serial Production Systems;* June; p. 130.

Vanderwarker, D. R., C. G. Drury, and M. H. Karwan; *The Two-Inspector Problem;* June; p. 174.
Van Wassenhove, L. and J. Maes; *Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part I: Static Case);* June; p. 114.
Van Wassenhove, L. and J. Maes; *Multi Item Single Level Capacitated Dynamic Lotsizing Heuristics: A Computational Comparison (Part II: Rolling Horizon);* June; p. 124.
Varaprasad, N. and T. N. Goh; *A Statistical Methodology for the Analysis of the Life-Cycle of Reusable Containers;* March; p. 42.

Wang F., and R. C. Wilson; *Comparative Analysis of Fixed and Removable Item Mixed Model Assembly Lines;* September; p. 313.
Whinston, A., and S. De; *A Framework for Integrated Problem Solving in Manufacturing;* September; p. 286.
Wilhelm, W. E., and S. Saboo; *An Approach for Modeling Small-lot Assembly Networks* December; p. 322.
Wilson, R. C., and F. Wang; *Comparative Analysis of Fixed and Removable Item Mixed Model Assembly Lines;* September; p. 313.
Wolfe, P. M., and H. Seifoddini; *Application of the Similarity Coefficient Method (SCM) in Group Technology;* September; p. 271.

Yadin, M., and Y. Roll; *Activity Sampling in a Stochastic Environment;* December; p. 343.

Zionts, S., M. Koksalan, and M. H. Karwan; *Approaches for Discrete Alternative Multiple Criteria Problems for Different Types of Criteria;* September; p. 262.